

National Functional Guidelines Report # 4

0:49 Fri, Oct 31, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FX7 Case 37947 Contract EPW05030 Region 9 DDTID 65570 SOW
SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FX7		Y4FY3		Y4FZ5		Y4G12	
	Field_Blank Water/Low 1 ug/L		Field_Blank Water/Low 1 ug/L		Field_Blank Water/Low 1 ug/L		Field_Blank Water/Low 1 ug/L	
	Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	U	10	U	10	U
Carbon disulfide	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U
2-Butanone	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R	100	R

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FX7		Y4FY3		Y4FZ5		Y4G12	
	Field_Blank Water/Low 1	ug/L	Field_Blank Water/Low 1	ug/L	Field_Blank Water/Low 1	ug/L	Field_Blank Water/Low 1	ug/L
	NFG Result	NFG Flag						
Trichloroethene	5.0	U	5.0	U	5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U

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SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FX7		Y4FY3		Y4FZ5		Y4G12	
	Field_Blank Water/Low 1 ug/L							
Compound	NFG Result	NFG Flag						
Hexane	5.0	U	5.0	U	5.0	U	5.0	U
Isopropanol	250	R	250	R	250	R	250	R

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Case 37947

Contract EPW05030

Region 9

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SOW

SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLK5Q		VBLKA5		VHBLKA5	
	Method Blank Water/Low 1 ug/L	Method Blank Water/Low 1 ug/L		Storage Blank Water/Low 1 ug/L		
		NFG Result	NFG Flag	NFG Result	NFG Flag	
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	U	10	U
Carbon disulfide	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U
2-Butanone	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R

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Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLK5Q		VBLKA5		VHBLKA5	
	Method Blank Water/Low 1 ug/L		Method Blank Water/Low 1 ug/L		Storage Blank Water/Low 1 ug/L	
	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	5.0	U	5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U

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Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLK5Q		VBLKA5		VHBLKA5	
	Method Blank Water/Low 1 ug/L	Method Blank Water/Low 1 ug/L	Method Blank Water/Low 1 ug/L	Storage Blank Water/Low 1 ug/L	Method Blank Water/Low 1 ug/L	Storage Blank Water/Low 1 ug/L
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	5.0	U	5.0	U	5.0	U
Isopropanol	250	R	250	R	250	R